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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 16781/276/BEDL

In re patent application of	Allowed: May 31, 1994
Daniel CAPUT et al.	Batch: B21
Serial No. 07/920,519	Group Art Unit: 1814
Filed: July 28, 1992	Examiner: D. Schmickel
For: URATE OXIDASE ACTIVITY PROTEIN, RECOMBINANT GENE CODING THEREFOR, EXPRESSION VECTOR, MICROORGANISMS AND TRANSFORMED CELLS	

SUBMISSION OF FORMAL DRAWINGS

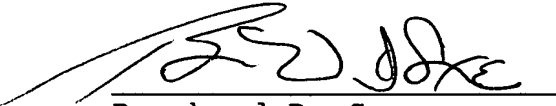
The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Applicants submit herewith fifteen (15) sheets
of formal drawings for this case.

Respectfully submitted,

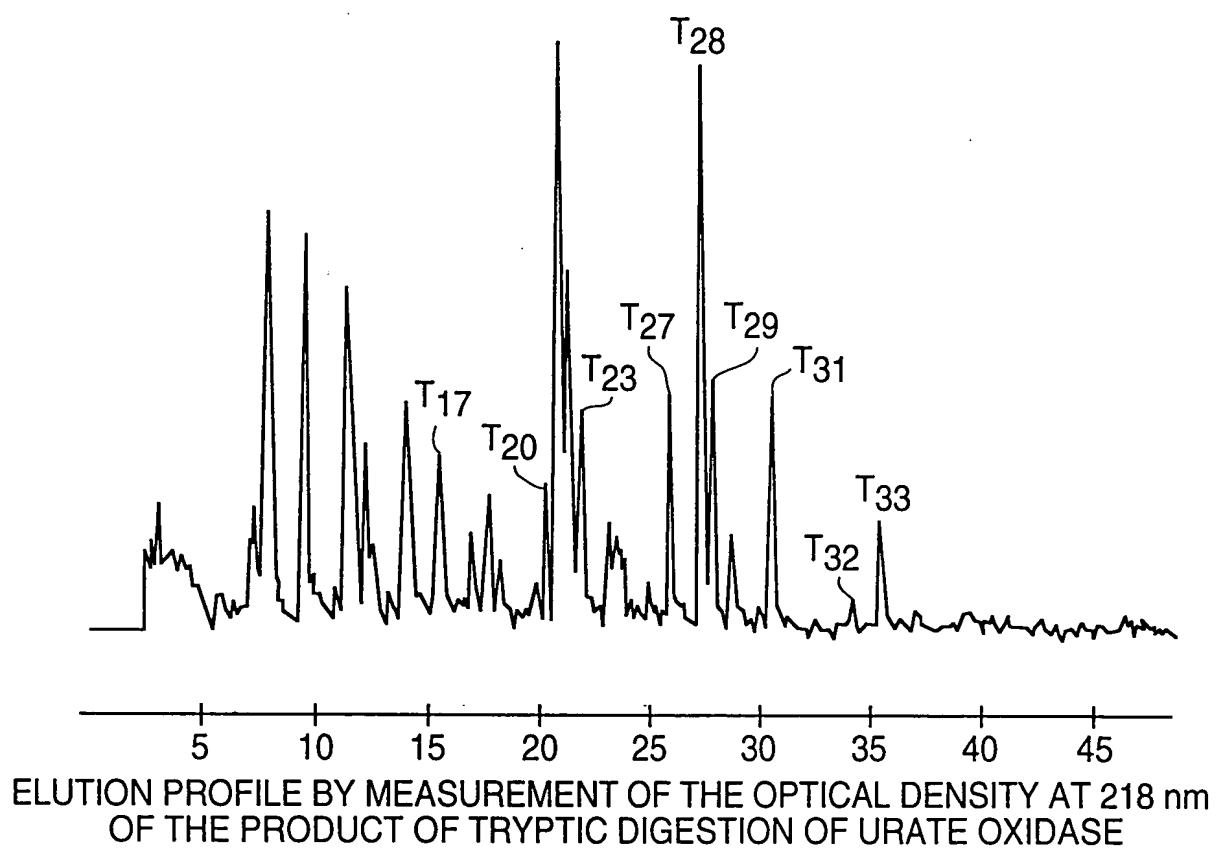
August 31, 1994
Date


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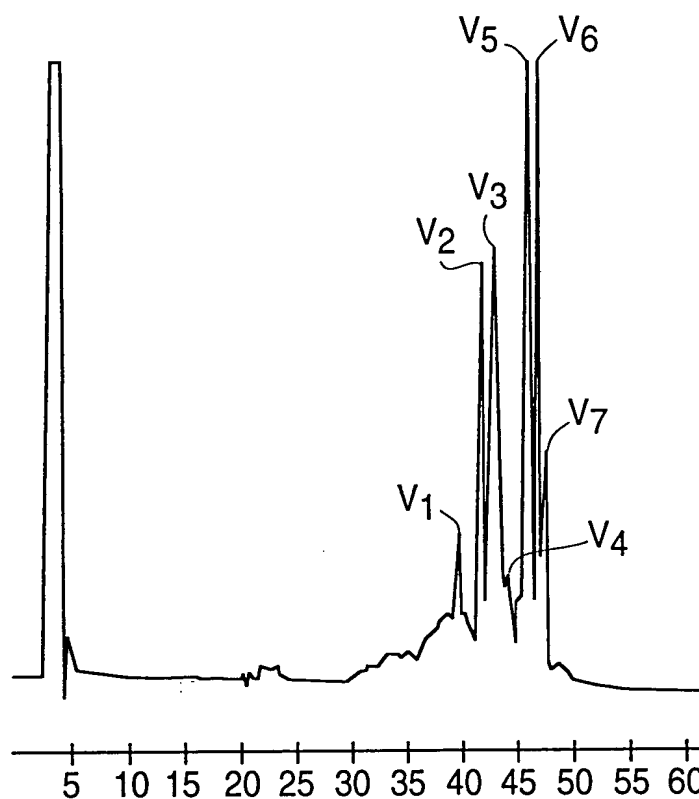
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APPROVED BY: FIC 435/91
DATE: 11/08/91

FIG. 1

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DATE: [Date]
FIG. 2

FIG. 2



ELUTION PROFILE BY MEASUREMENT OF THE OPTICAL DENSITY AT 218 nm
OF THE PRODUCT OF DIGESTION OF URATE OXIDASE WITH PROTEASE V8

FIG. 4A

109 ATGTCCGAGTAAAGCAGCCCGCTACGGC 168
 1 MetSerAlaValLysAlaAlaArgTyrGly LysAspAsnValArgValTyrLysValHis 20

 169 AAGGACGAGAAGACCGGTGTCCAGACGGTG 228
 21 LysAspGluLysThrGlyValGlnThrVal TyrGluMetThrValCysValLeuLeuGlu 40

 229 GGTGAGATTGAGACCTCTTACACCAAGGCC 288
 41 GlyGluIleGluThrSerTyrThrLysAla AspAsnSerValIleValAlaThrAspSer 60
 V3
 289 ATTAAGAACACCATTTACATCACCGCCAAG 348
 61 IleLysAsnThrIleTyrIleThrAlaLys GlnAsnProValThrProProGluLeuPhe 80
 T32/T33
 349 GGCTCCATCCTGGGCACACACTTCATTGAG 408
 81 GlySerIleLeuGlyThrHisPheIleGlu LysTyrAsnHisIleHisAlaAlaHisVal 100

 409 AACATTGTCTGCCACCGCTGGACCCGGATG 468
 101 AsnIleValCysHisArgTrpThrArgMet AspIleAspGlyLysProHisProHisSer 120

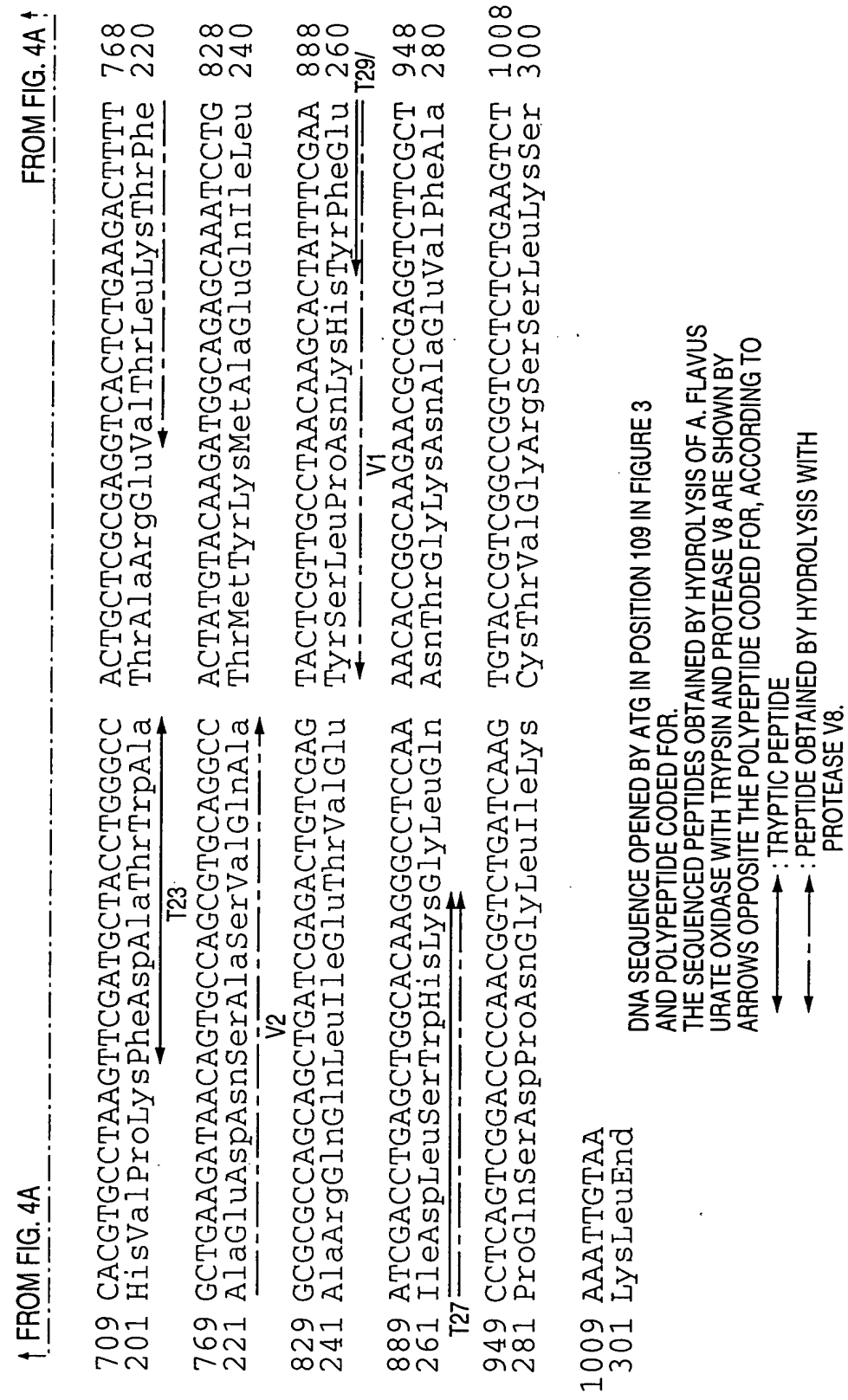
 469 TTCATCCGCGACAGCGAGGAGAAAGCGGAAT 528
 121 PheIleArgAspSerGluGluLysArgAsn ValGlnValAspValValGluGlyLysGly 140
 T17
 529 ATCGATATCAAGTCGTCTCTGTCCGGCCCTG 588
 141 IleAspIleLysSerSerLeuSerGlyLeu ThrValLeuLysSerThrAsnSerGlnPhe 160
 T31
 589 TGGGGCTTCCTGCGTGACGAGTACACCACA 648
 161 TrpGlyPheLeuArgAspGluTyrThrThr LeuLysGluThrTrpAspArgIleLeuSer 180
 V5/V6
 649 ACCGACGTCGATGCCACTTGGCAGTGAAG 708
 181 ThrAspValAspAlaThrTrpGlnTrpLys AsnPheSerGlyLeuGlnGluValArgSer 200
 T28 T20

↓ TO FIG. 4B

TO FIG. 4B ↓

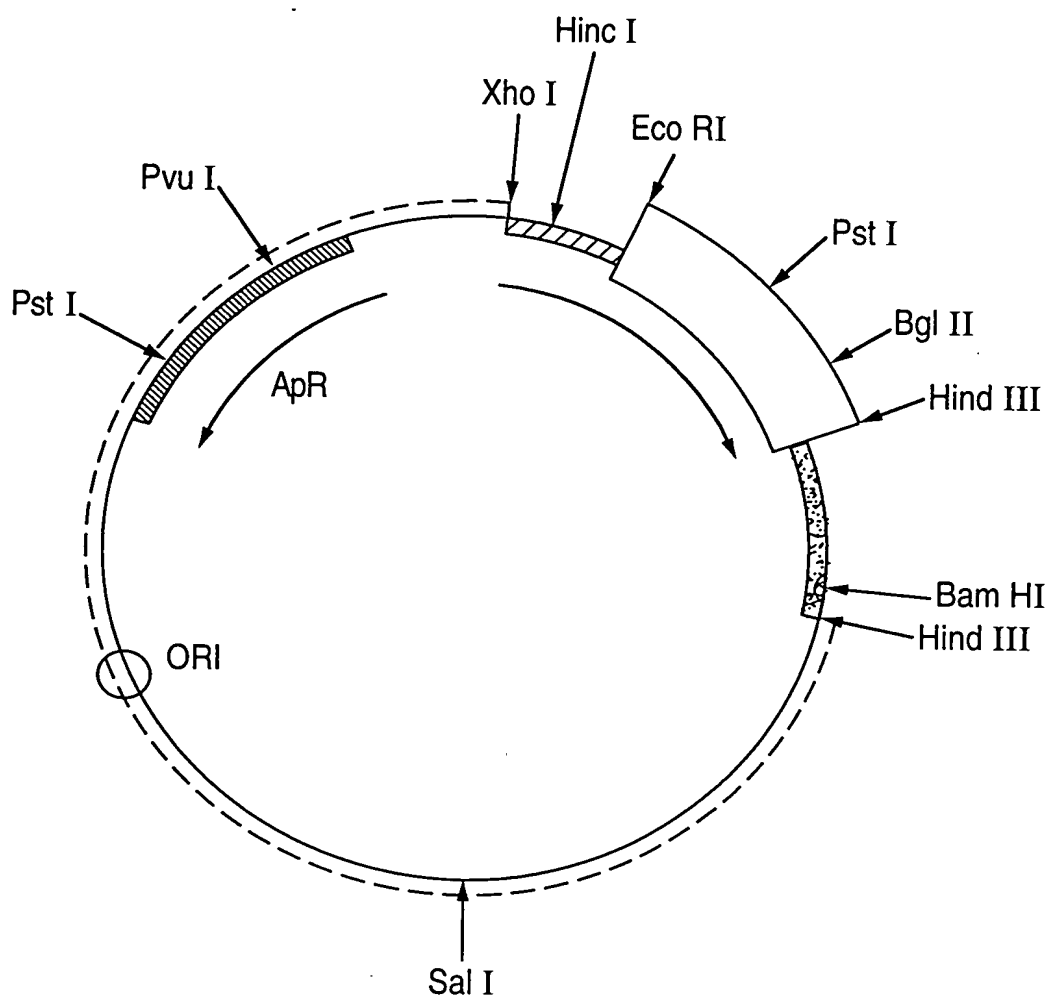
APPROVED BY U.C. FIG. 10 SUCCESS

FIG. 4B



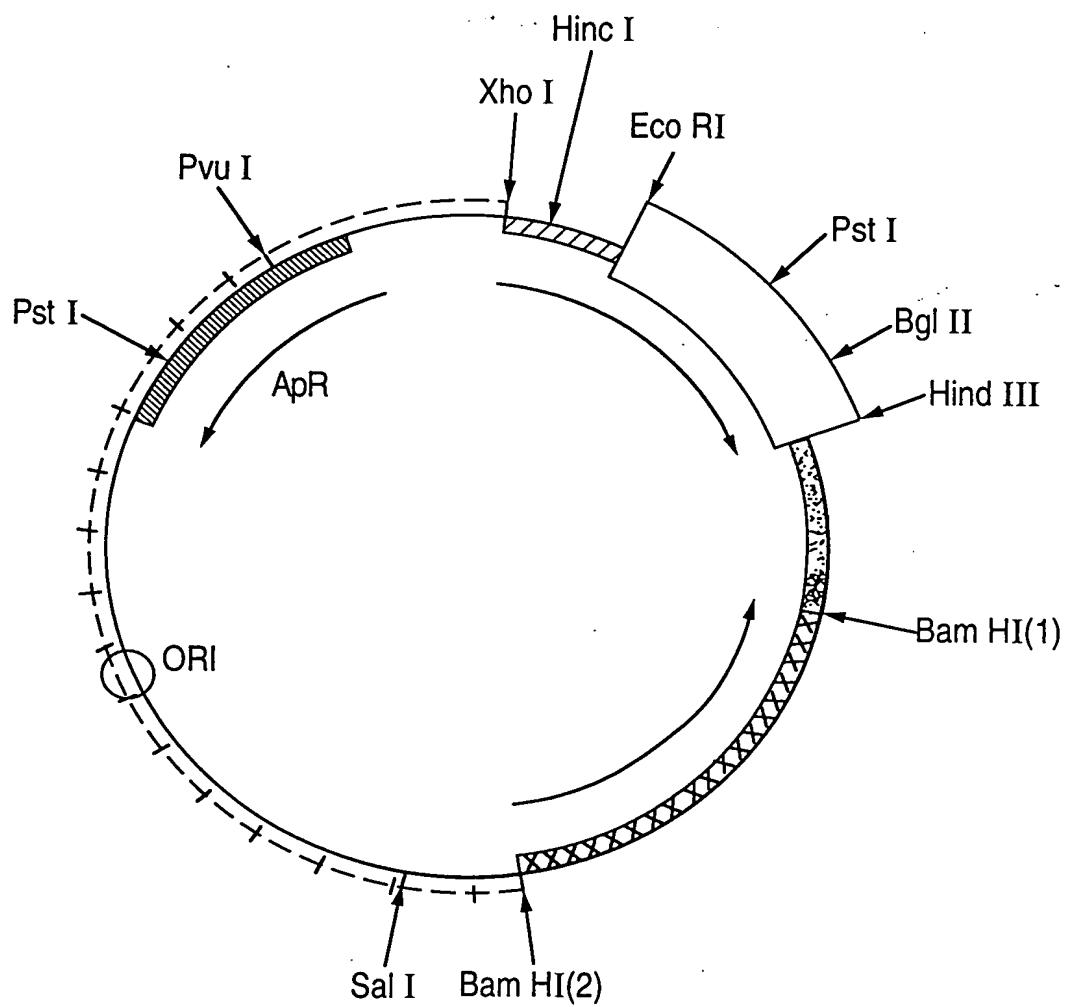
APPROVED J. G. FIG.
BY SUBC
FY

FIG. 5



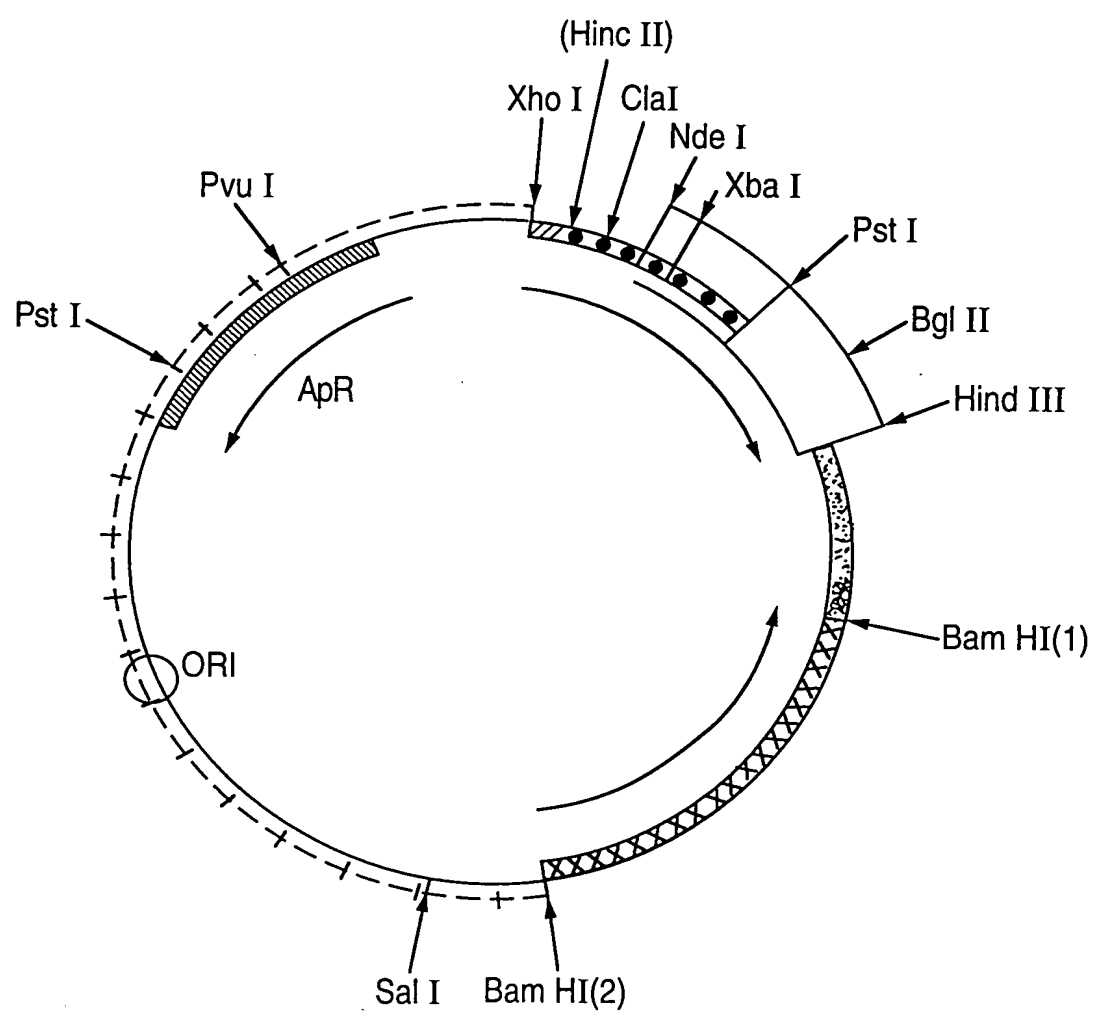
APPROVED FOR FIG.
BY [signature]
DATE [signature]

FIG. 6



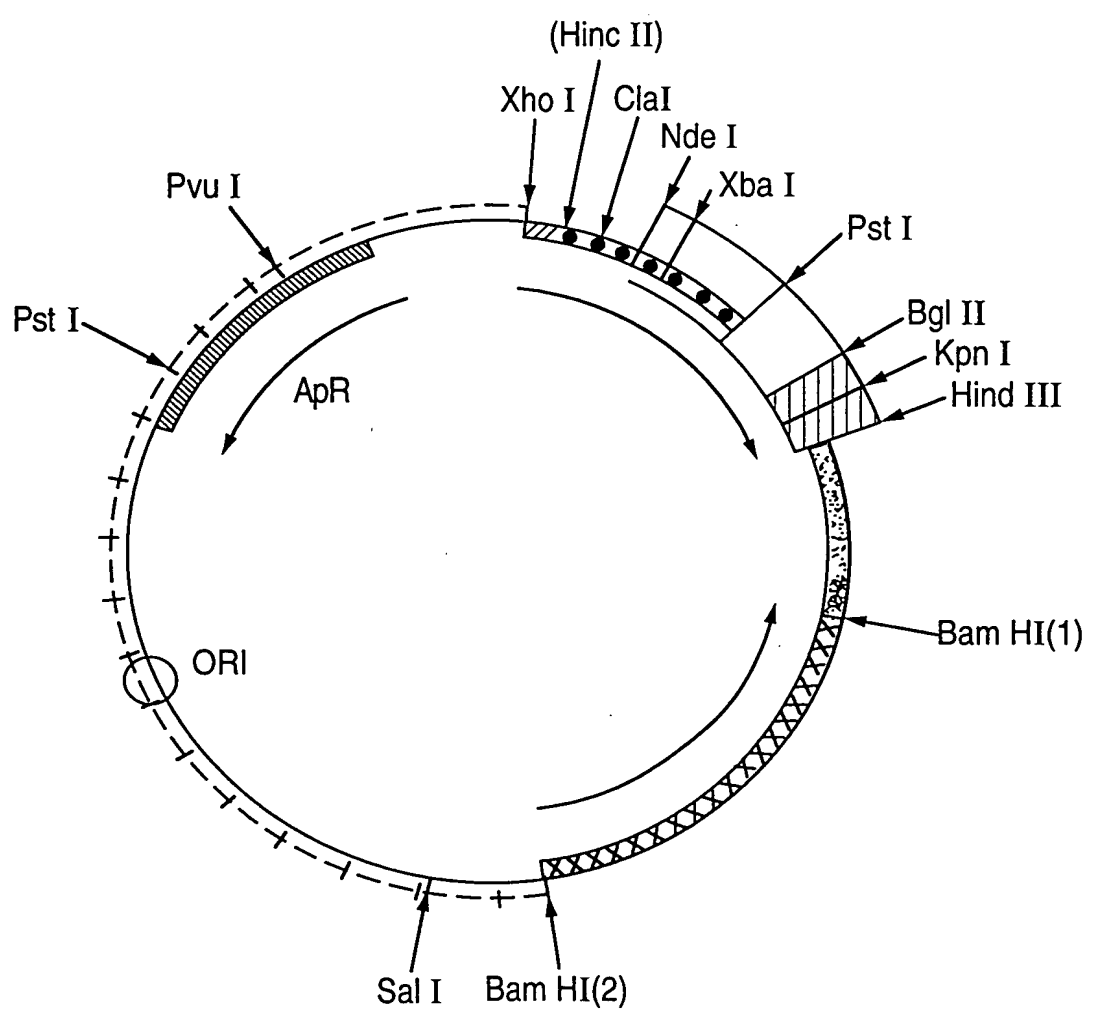
APPROVED 0.9. FIG.
BY [signature] SUC

FIG. 7



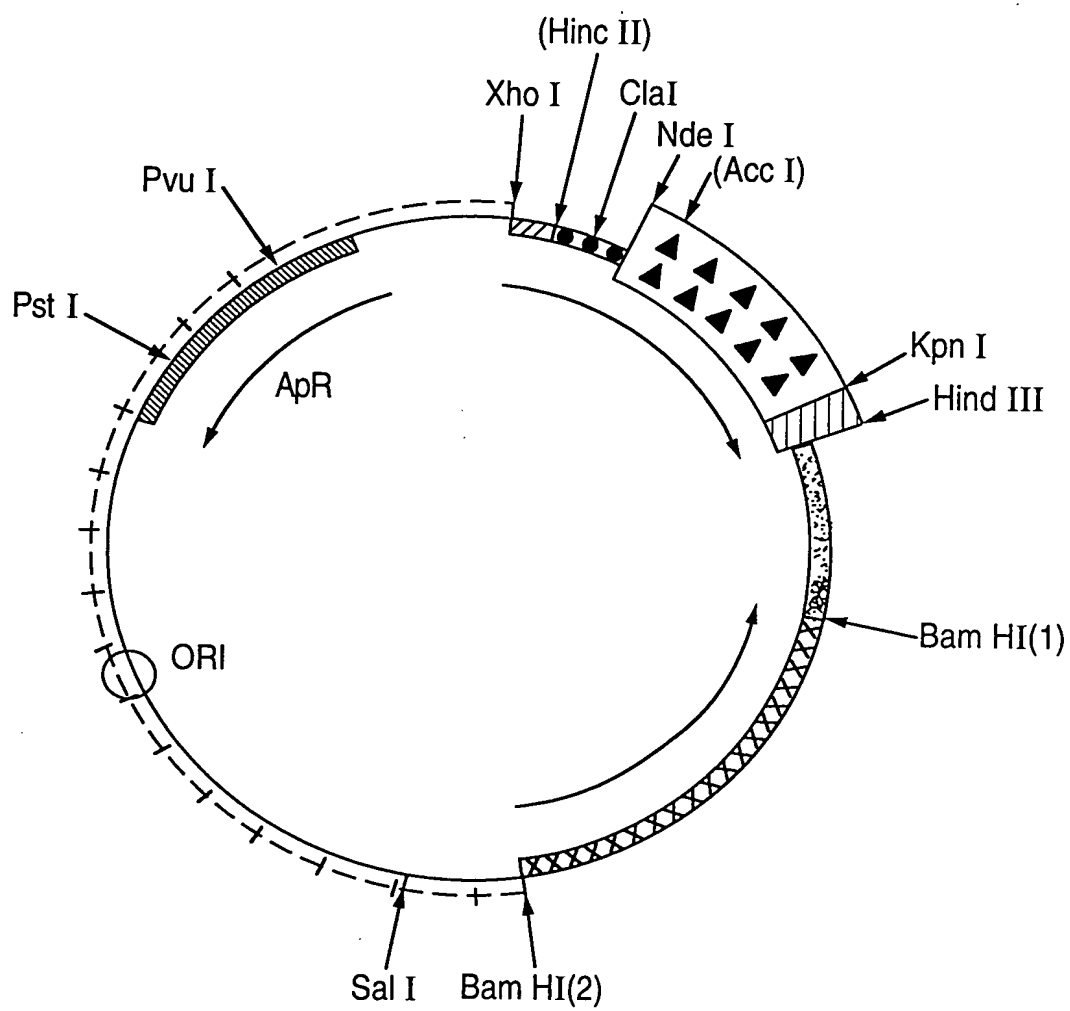
APPROVED O.G. FIG.
BY [signature]
DATE 10/15/88

FIG. 8



O.G. FIG.
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 SUECL 131

FIG. 9



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FIG. 10

FIG. 10

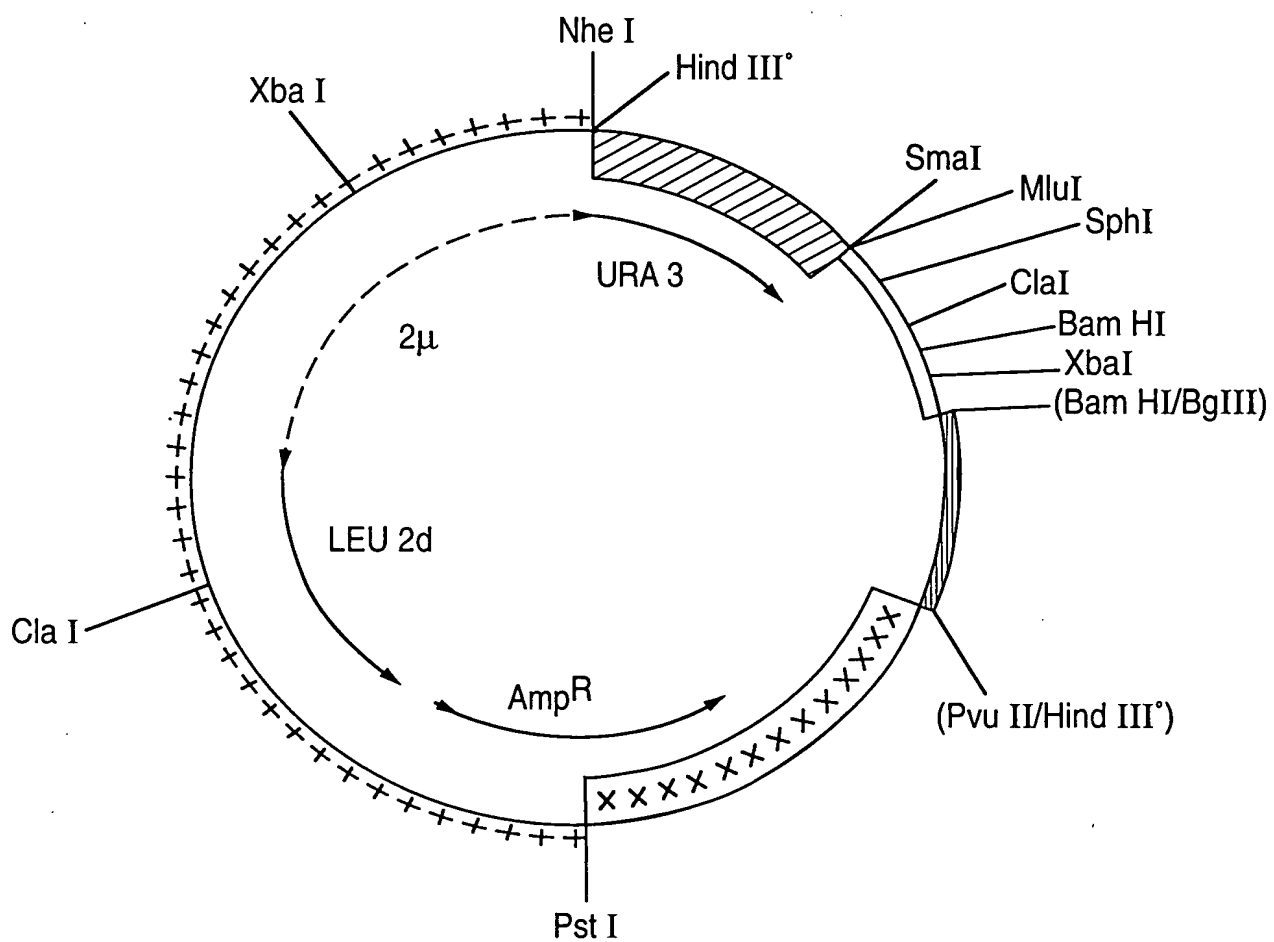


FIG. 11

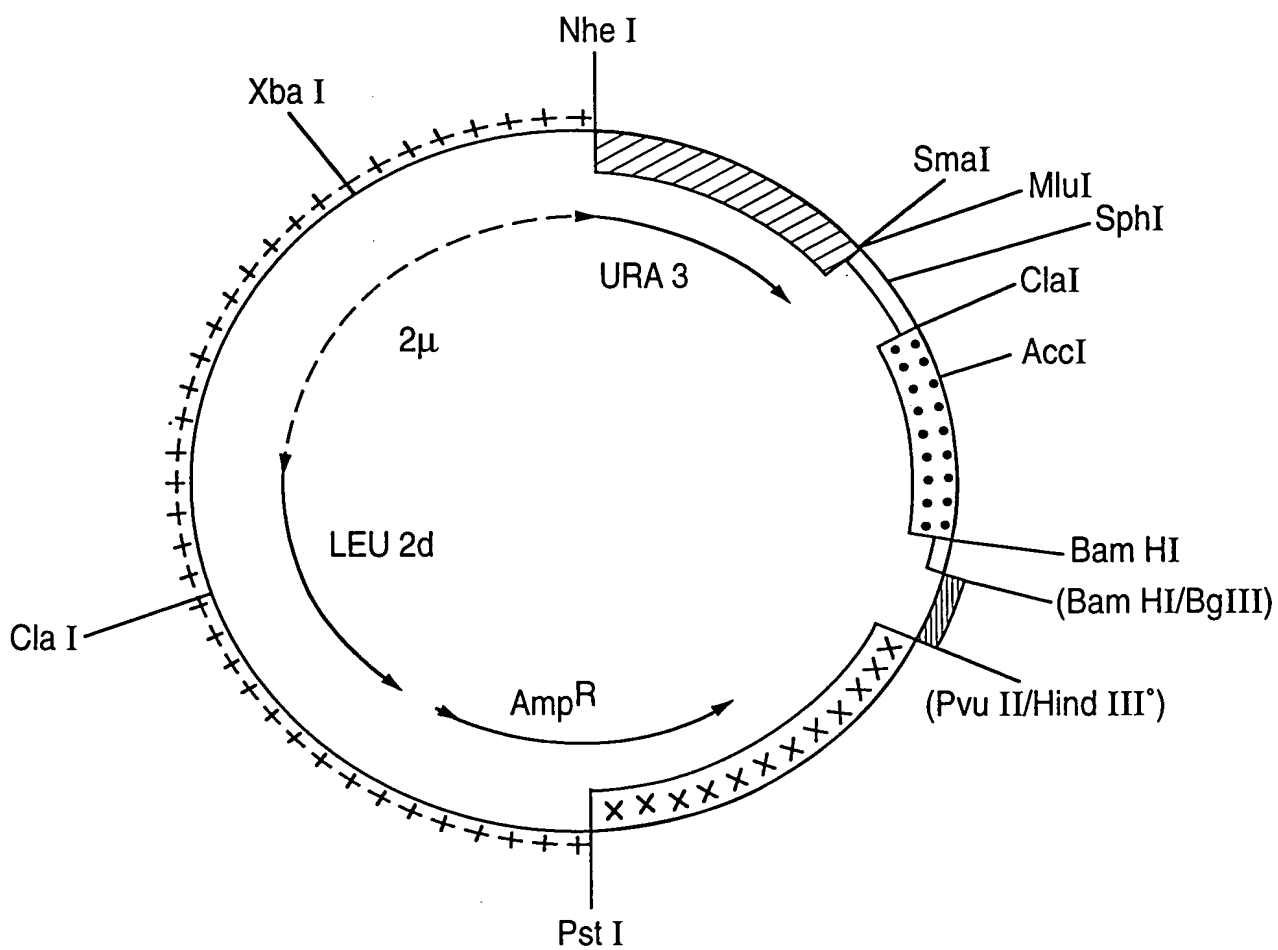
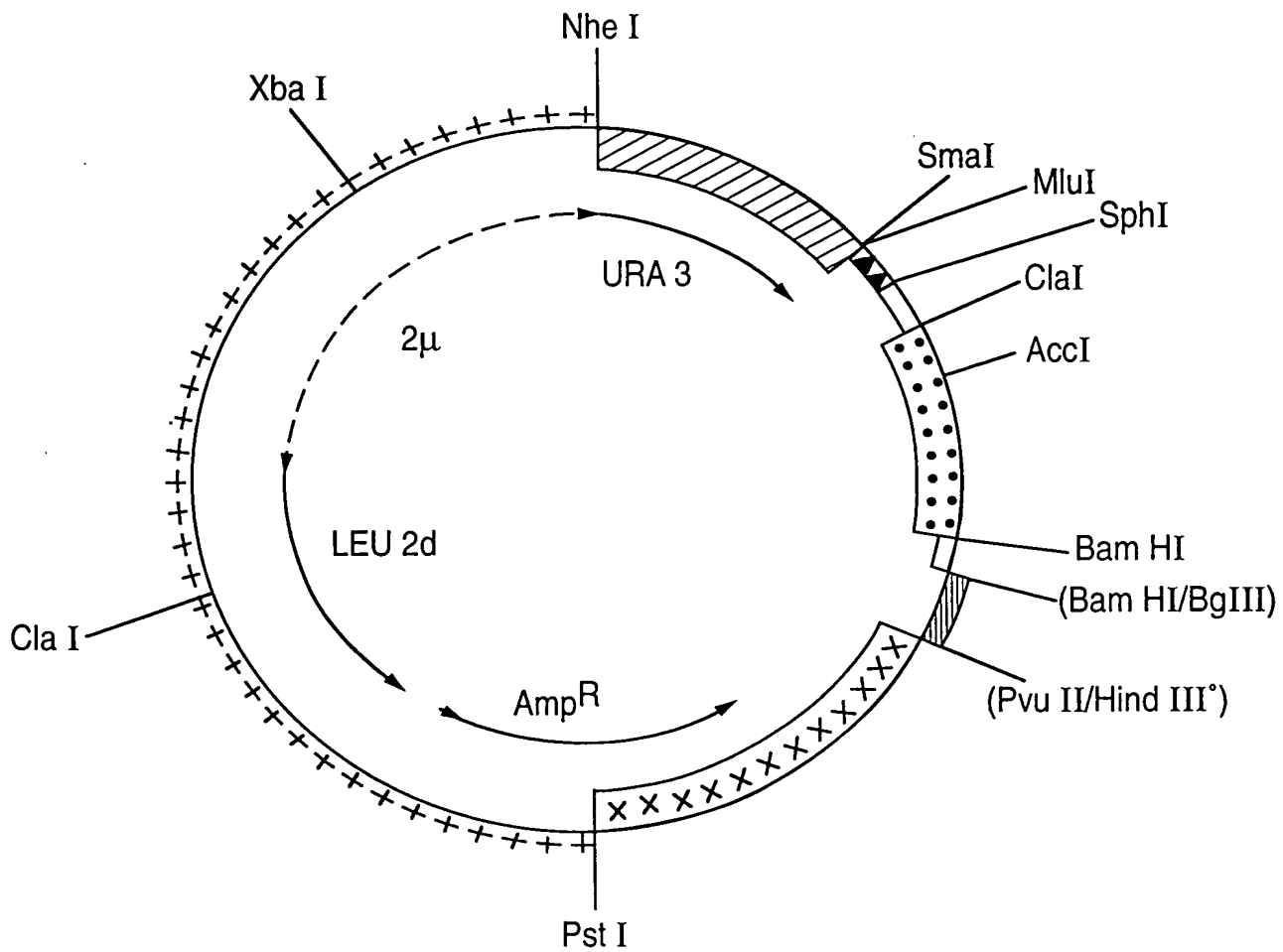


FIG. 12



APPROVED BY 0.6 FIG. 3 SUSCOT

FIG. 13

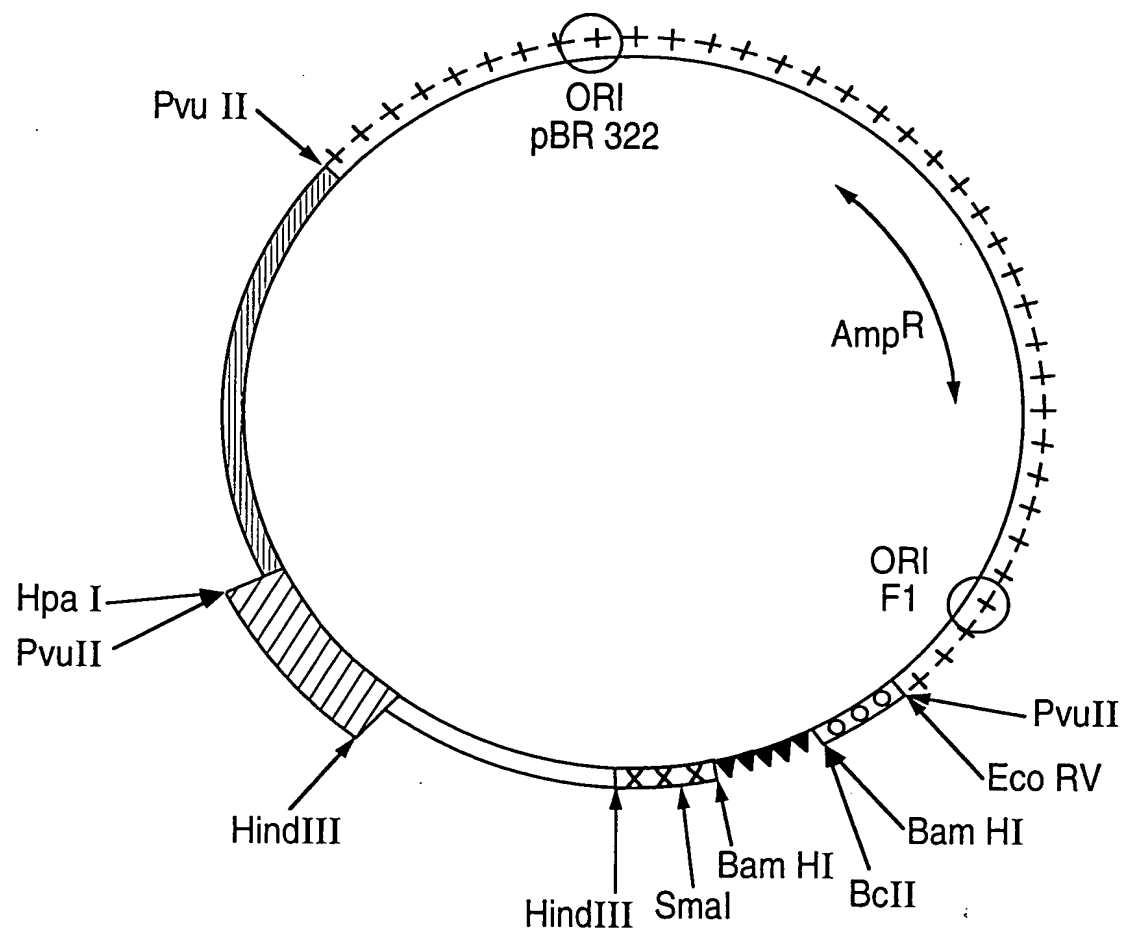


FIG. 14

